



BIZ-045CPCN

## SEQUENCE LISTING

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Wulf, Gerbung  
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&lt;120&gt; PIN1 as a Marker for Abnormal Cell Growth

&lt;130&gt; BIZ-045CPCN

&lt;140&gt; 10/683880

&lt;141&gt; 2003-10-09

&lt;150&gt; 09/726464

&lt;151&gt; 2000-11-29

&lt;150&gt; 60/167800

&lt;151&gt; 1999-11-29

&lt;150&gt; 60/253676

&lt;151&gt; 2000-11-28

&lt;160&gt; 2

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 1

TGCTGGCCAG CACCTCGAGG GAAG ATG GCG GAC GAG GAG AAG CTG CCG CCC       51  
Met Ala Asp Glu Glu Lys Leu Pro Pro  
            1                                 5

Gly TGG GAG AAG CGC ATG AGC CGC AGC TCA GGC CGA GTG TAC TAC TTC       99  
Gly Trp Glu Lys Arg Met Ser Arg Ser Ser Gly Arg Val Tyr Tyr Phe  
10   15                                     20                                     25

AAC CAC ATC ACT AAC GCC AGC CAG TGG GAG CGG CCC AGC GGC AAC AGC       147  
Asn His Ile Thr Asn Ala Ser Gln Trp Glu Arg Pro Ser Gly Asn Ser  
30   35                                     40

AGC AGT GGT GGC AAA AAC GGG CAG GGG GAG CCT GCC AGG GTC CGC TGC       195  
Ser Ser Gly Gly Lys Asn Gly Gln Gly Glu Pro Ala Arg Val Arg Cys  
45   50                                     55

TCG CAC CTG CTG GTG AAG CAC AGC CAG TCA CGG CGG CCC TCG TCC TGG       243  
Ser His Leu Leu Val Lys His Ser Gln Ser Arg Arg Pro Ser Ser Trp  
60   65                                     70

CGG CAG GAG AAG ATC ACC CGG ACC AAG GAG GAG GCC CTG GAG CTG ATC       291  
Arg Gln Glu Lys Ile Thr Arg Thr Lys Glu Glu Ala Leu Glu Leu Ile  
75   80                                     85

AAC GGC TAC ATC CAG AAG ATC AAG TCG GGA GAG GAG GAC TTT GAG TCT       339  
Asn Gly Tyr Ile Gln Lys Ile Lys Ser Gly Glu Glu Asp Phe Glu Ser  
90   95                                     100

CTG GCC TCA CAG TTC AGC GAC TGC AGC TCA GCC AAG GGC AGG GGA GAC       387  
Leu Ala Ser Gln Phe Ser Asp Cys Ser Ser Ala Lys Ala Arg Gly Asp  
110   115                                     120



Glu Met Ser Gly Pro Val Phe Thr Asp Ser Gly Ile His Ile Ile Leu  
145 150 155 160

Arg Thr Glu